



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**UNDER REVIEW**

*19/04/2019*

*Need Confirmation by Marie*

**D4824-1**

**Job Sheet 192397**



**Part No:** D4824-1

**Job Qty:** 8 pcs

**Part Name:** Upper Cutter Mount



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 3/22/19

**Job Tracking No:**

**Due Date:** 4/30/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** D4824 rev.a IPP REV:A NEW ISSUE 13-04-26 JLM VERIFIED BY:DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation         | Qty   | Start Date | Due Date | Standard Setup Hrs | Run Hrs | Workcenter/Supplier | Workcenter / Supplier Lead Time | Sign-off |
|-------|-------------------|-------|------------|----------|--------------------|---------|---------------------|---------------------------------|----------|
| 100   | Bandsaw - 1       | 8 pcs | 4/30/19    | 4/30/19  | 0.00               | 0.01    | Bandsaw - 1         | DAS 52 19/05/03                 |          |
| 110   | HAAS 4 Axis - B4B | 8 pcs | 4/30/19    | 4/30/19  | 0.26               | 20.51   | HAAS - 1 - B4B      | DAS 52 19/05/03                 |          |
|       |                   |       |            |          |                    |         | HAAS - 2 - B4B      | 9-89                            |          |
|       |                   |       |            |          |                    |         | HAAS - 3 - B4B      |                                 |          |
|       |                   |       |            |          |                    |         | HAAS - 4 - B4B      |                                 |          |
| 120   | QC 2              | 8 pcs | 4/30/19    | 4/30/19  | 0.00               | 0.00    | QC 2 - 1            |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 12           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 14           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 17           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 19           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 2            |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 20           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 22           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 23           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 25           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 32           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 33           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 35           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 39           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 4            |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 40           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 44           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 45           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 48           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 49           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 50           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 51           | DAS 52 19/05/03                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 52           | 9-89                            |          |
|       |                   |       |            |          |                    |         | QC 2 - 56           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 57           |                                 |          |
|       |                   |       |            |          |                    |         | QC 2 - 62           |                                 |          |



**Container No:** S177893



**Part:** D4824-1

**Job No:** 192397

**Serial No/Batch:** S177893

**Revision:** A

**Inspector:**

**Exp Date:**

**Instructions:** Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
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CANADA  
TEL.: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Date: 05/03/19

Plex 3/22/19 10:49 AM Dart.lajeune

POSITIVE RECALL  
EFFECTIVE 10/01/19  
RELEASED 10/01/19  
DATE 10/01/2019

DAS 55 9-89

|                                   |       |         |      |      |                        |                  |
|-----------------------------------|-------|---------|------|------|------------------------|------------------|
| 130 QC 8                          | 8 pcs | 4/30/19 | 0.00 | 0.00 | QC 2 - 63              |                  |
|                                   |       |         |      |      | QC 2 - 8               |                  |
|                                   |       |         |      |      | QC 2 - 66              |                  |
|                                   |       |         |      |      | QC 2 - 64              |                  |
|                                   |       |         |      |      | QC 2 - 65              |                  |
|                                   |       |         |      |      | QC 2 - 5               |                  |
|                                   |       |         |      |      | QC 8 - 12              |                  |
|                                   |       |         |      |      | QC 8 - 14              |                  |
|                                   |       |         |      |      | QC 8 - 17              |                  |
|                                   |       |         |      |      | QC 8 - 20              |                  |
|                                   |       |         |      |      | QC 8 - 25              |                  |
|                                   |       |         |      |      | QC 8 - 3               |                  |
|                                   |       |         |      |      | QC 8 - 32              |                  |
|                                   |       |         |      |      | QC 8 - 33              |                  |
|                                   |       |         |      |      | QC 8 - 35              |                  |
|                                   |       |         |      |      | QC 8 - 39              |                  |
|                                   |       |         |      |      | QC 8 - 4               |                  |
|                                   |       |         |      |      | QC 8 - 44              |                  |
|                                   |       |         |      |      | QC 8 - 45              |                  |
|                                   |       |         |      |      | QC 8 - 49              | mmk 6/5/18       |
|                                   |       |         |      |      | QC 8 - 58              |                  |
|                                   |       |         |      |      | QC 8 - 8               |                  |
|                                   |       |         |      |      | QC 8 - 9               |                  |
|                                   |       |         |      |      | QC 8 - 68              |                  |
|                                   |       |         |      |      | QC 8 - 67              |                  |
|                                   |       |         |      |      | QC 8 - 1 (A)           |                  |
|                                   |       |         |      |      | QC 8 - 47              |                  |
|                                   |       |         |      |      | QC 8 - 40              |                  |
|                                   |       |         |      |      | QC 8 - 52              |                  |
|                                   |       |         |      |      | QC 8 - 23              |                  |
| 140 Outsource - 4 - Anodize       | 8 pcs | 4/30/19 |      |      | ATG001-VC              | 5 JUL 2019-06-28 |
| 150 Packaging 2-1 - Receive - B4B | 8 pcs | 4/30/19 | 0.00 | 0.00 | Packaging 2 - 1 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 2 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 3 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 5 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 4 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 6 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 7 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 8 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 9 - B4B  |                  |
|                                   |       |         |      |      | Packaging 2 - 10 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 11 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 12 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 13 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 14 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 15 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 16 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 17 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 18 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 19 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 20 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 21 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 22 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 23 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 24 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 25 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 26 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 27 - B4B |                  |
|                                   |       |         |      |      | Packaging 2 - 28 - B4B |                  |



|                                      |       |         |      |      |                        |  |
|--------------------------------------|-------|---------|------|------|------------------------|--|
| 155 QC <del>X</del> 6<br>19.07.16    | 8 pcs | 4/30/19 | 0.00 | 0.00 | Packaging 2 - 29 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 30 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 31 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 32 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 33 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 34 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 35 - B4B |  |
|                                      |       |         |      |      | Packaging 2 - 36 - B4B |  |
|                                      |       |         |      |      | QC 5 - 10              |  |
|                                      |       |         |      |      | QC 5 - 12              |  |
| 170 QC 14<br><del>N/A</del> 19.07.16 | 8 pcs | 4/30/19 | 0.00 | 0.00 | QC 5 - 17              |  |
|                                      |       |         |      |      | QC 5 - 18              |  |
|                                      |       |         |      |      | QC 5 - 19              |  |
|                                      |       |         |      |      | QC 5 - 22              |  |
|                                      |       |         |      |      | QC 5 - 24              |  |
|                                      |       |         |      |      | QC 5 - 3               |  |
|                                      |       |         |      |      | QC 5 - 43              |  |
|                                      |       |         |      |      | QC 5 - 49              |  |
|                                      |       |         |      |      | QC 5 - 51              |  |
|                                      |       |         |      |      | QC 5 - 58              |  |
| 180 Packaging 3-1 - Stock - B4B      | 8 pcs | 4/30/19 | 0.00 | 0.00 | QC 5 - 68              |  |
|                                      |       |         |      |      | QC 5 - 9               |  |
|                                      |       |         |      |      | QC 5 - 50              |  |
|                                      |       |         |      |      | QC 5 - 30              |  |
|                                      |       |         |      |      | QC 5 - 40              |  |
|                                      |       |         |      |      | QC 14 - 15             |  |
|                                      |       |         |      |      | QC 14 - 2              |  |
|                                      |       |         |      |      | QC 14 - 34             |  |
|                                      |       |         |      |      | QC 14 - 41             |  |
|                                      |       |         |      |      | QC 14 - 51             |  |
|                                      |       |         |      |      | QC 14 - 58             |  |
|                                      |       |         |      |      | QC 14 - 59             |  |
|                                      |       |         |      |      | QC 14 - 9              |  |
|                                      |       |         |      |      | QC 14 - 68             |  |
|                                      |       |         |      |      | QC 14 - 40             |  |
|                                      |       |         |      |      | QC 14 - 19             |  |
|                                      |       |         |      |      | Packaging 3 - 1 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 2 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 3 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 4 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 5 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 6 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 7 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 8 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 9 - B4B  |  |
|                                      |       |         |      |      | Packaging 3 - 10 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 11 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 12 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 13 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 14 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 15 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 16 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 17 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 18 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 19 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 20 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 21 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 22 - B4B |  |
|                                      |       |         |      |      | Packaging 3 - 23 - B4B |  |
|                                      |       |         |      |      |                        |  |

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|      |             |       |         |                        |                 |
|------|-------------|-------|---------|------------------------|-----------------|
|      |             |       |         | Packaging 3 - 24 - B4B |                 |
|      |             |       |         | Packaging 3 - 25 - B4B |                 |
|      |             |       |         | Packaging 3 - 26 - B4B |                 |
|      |             |       |         | Packaging 3 - 27 - B4B |                 |
|      |             |       |         | Packaging 3 - 28 - B4B |                 |
|      |             |       |         | Packaging 3 - 29 - B4B |                 |
|      |             |       |         | Packaging 3 - 30 - B4B |                 |
|      |             |       |         | Packaging 3 - 31 - B4B |                 |
|      |             |       |         | Packaging 3 - 32 - B4B |                 |
|      |             |       |         | Packaging 3 - 33 - B4B |                 |
|      |             |       |         | Packaging 3 - 34 - B4B |                 |
|      |             |       |         | Packaging 3 - 35 - B4B |                 |
|      |             |       |         | Packaging 3 - 36 - B4B |                 |
| 190  | DAS 21 - SA | 8 pcs | 4/30/19 | 0.00 0.00              | QC 21 - SA - 21 |
| 55   |             |       |         |                        | QC 21 - SA - 70 |
| 9-89 |             |       |         |                        | QC 21 - SA - 53 |

Part Op 100 - CUT BLANK AT 12.100"

Descriptions: 110 - 1-Machine per folio FB188 DWG REV: A FOLIO REV: A 2- deburr and break all sharp edges

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

140 - Issue P/O: 43880 Black Anodize as per Dwg D4824 PRIME AS PER DWG, SEE NOTE #2

150 - (Receive &amp; Inspect for Damage &amp; Mat'l Certs)

155 - QC5- Inspect part completeness to step on W/O)

170 - (QC14- Inspect Spray Paint)

180 - (Identify as per dwg &amp; Stock Location: \_\_\_\_\_)

190 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item         | Component Name                                                | Quantity             | Operation       | Container |
|---------------------|---------------------------------------------------------------|----------------------|-----------------|-----------|
| M7075T6B1.750X4.500 | 7075-T6 Bar 1.750" X 4.500" see mat'l M7075T6S1.750" x 4.500" | 8.0640 ft (1.008 ea) | 100-Bandsaw - 1 | 5072142   |

## Job Allocations

| Operation       | Component Part      | Required | Inventory | Allocated |
|-----------------|---------------------|----------|-----------|-----------|
| 100-Bandsaw - 1 | M7075T6B1.750X4.500 | 8        | 0         | 0         |

## Part Specifications

Specifications could not be found.

Plex 3/22/19 10:49 AM Dart.lajeunesse.marie





Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only

|                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Job: <u>192397</u>                                                                                                                                                                                                                                                                                                                                                         |  | DISPOSITION                                                                                                        |  | DEPARTMENT/PROCESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |
| Part No. <u>D4B24-1</u>                                                                                                                                                                                                                                                                                                                                                    |  | Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input checked="" type="checkbox"/> |  | Skid-tube <input type="checkbox"/><br>Machining <input checked="" type="checkbox"/><br>Large Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/> |  | Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/> |  | Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |
| Date: <u>19-07-16</u>                                                                                                                                                                                                                                                                                                                                                      |  | Sequence #: <u>110</u>                                                                                             |  | QTY Affected: <u>8</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                 |  |                                                                                                                                      |  | MRB (QSI042)<br>DAS 55<br>9-89 <u>16 JUL 2019</u>                                                                                                   |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                    |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                 |  |                                                                                                                                      |  | Completed By<br><u>19-07-16</u><br>Lead hand / Supervisor<br><u>19-07-16</u><br>QC / QA Coordinator<br>DAS 55<br>9-89 <u>16 JUL 2019</u>            |  |
| Parts MANUFACTURED with Grain along 1178"<br>AS per tested? Prel. Parts in 2013                                                                                                                                                                                                                                                                                            |  |                                                                                                                    |  | CONCESSION REQ'D FROM<br>LEONARDO<br><u>16 JUL 2019</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                    |  | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |
| Operator <input type="checkbox"/><br>Manufacturing Process <input checked="" type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Presservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |  |                                                                                                                    |  | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/><br>Mislabeled <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Incomplete/Unclear Instructions <input type="checkbox"/><br>Drill Holes <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br><input checked="" type="checkbox"/> Grain Direction <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set/Set-up <input type="checkbox"/><br><input checked="" type="checkbox"/> Positioned Wrong <input type="checkbox"/><br>Outside Tolerance <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Misread <input type="checkbox"/> |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                 |  |                                                                                                                                      |  |                                                                                                                                                     |  |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER POHB043880



**Supplier:** ATG001-VC  
A.T.G. Industries Inc  
731 INDUSTRIELLE ROAD  
ROCKLAND  
ON  
K4K 1T2 Canada  
Phone: 613-446-4544  
Fax: 613-446-4556

**Attention:** Lalonde, Marc-Andre

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB043880

**PO Date:** 6/28/19

**Due Date:** 7/19/19

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
2019-07-05

## Items

| Line Item | Job    | Part                    | Description                                                                                                                                                                        | Status   | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 196018 | 646.3110                | Channel<br>: Various STC's<br>Issue P/O to ATG :<br>1- Hard<br>Anodize Black and Prime<br>as per Dwg 646.3100                                                                      | Firmed - |         | 7/19/19  | 20 pcs         | 0 pcs             | 20 pcs  | \$11.99/pcs      | \$239.80       |
| 2         | 193380 | 646.3713                | Gusset<br>: Various STC's<br>Issue P/O to ATG :<br>Hard Anodize, Color Black<br>and Prime as per Dwg<br>646.3700                                                                   | Firmed - |         | 7/19/19  | 20 pcs         | 0 pcs             | 20 pcs  | \$17.09/pcs      | \$341.80       |
| 3         | 196619 | RBEL133M-<br>6201-101-7 | Rod End<br>-Issue P/O;<br>-ANODIZE COLOR<br>CLEAR, PER IAW MIL-A-<br>8625F TYPE 2 CLASS 1,<br>Water sealant<br>-Material type; 6061T6<br>-Certificate of Conformity is<br>required | Firmed - |         | 7/19/19  | 8 pcs          | 0 pcs             | 8 pcs   | \$5.09/pcs       | \$40.72        |
| 4         | 192397 | D4824-1                 | Upper Cutter Mount<br>: Various STC's<br>Issue P/O:<br>Black Anodize as per Dwg<br>D4824 PRIME AS PER<br>DWG, SEE NOTE #2                                                          | Firmed - |         | 7/19/19  | 8 pcs          | 0 pcs             | 8 pcs   | \$14.74/pcs      | \$117.92       |
| 5         | 193142 | 646.3714                | Gusset<br>: Various STC's<br>Issue P/O to ATG :<br>Hard Anodize, Color Black<br>and Prime as per Dwg<br>646.3700 Rev. A                                                            | Firmed - |         | 7/19/19  | 24 pcs         | 0 pcs             | 24 pcs  | \$17.09/pcs      | \$410.16       |

Plex 7/5/19 12:58 PM Dart.Guerin.Kimberley



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB043880



| Items           |        |                 |                                                                                                                                                                                                            |        |         |          |                |                   |         |                     |                   |
|-----------------|--------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|---------------------|-------------------|
| Line Item       | Job    | Part            | Description                                                                                                                                                                                                | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)    | Extended Price    |
| 6               | 196714 | RBT18700-101-27 | Handle Ends<br>-Issue P/O;<br><br>-ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant<br>-Material type; Aluminum<br>-Certificate of Conformity is required                               | Firmed | -       | 7/19/19  | 4 pcs          | 0 pcs             | 4 pcs   | \$5.09/pcs          | \$20.36           |
| 4 X JUL 15 2019 |        |                 |                                                                                                                                                                                                            |        |         |          |                |                   |         |                     |                   |
| 7               | 196512 | SWA6A-800B      | Connector Bushing (Outsource process- Anodize per QSI017 4.1.10.1)<br>-Issue P/O to ATG:<br>-ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL<br>- Certificate of Conformity is required | Firmed | -       | 7/19/19  | 28 pcs         | 0 pcs             | 28 pcs  | \$5.09/pcs          | \$142.52          |
|                 |        |                 |                                                                                                                                                                                                            |        |         |          |                |                   |         | <b>Grand Total:</b> | <b>\$1,313.28</b> |

### Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 7/5/19 12:58 PM Dart.Guerin.Kimberley





A.T.G. Industries Inc.  
760 Industrielle Street  
Rockland, ON K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

## Pack List

Number: 918182

Date: 11-Jul-19

### To

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

### Ship To

Patrick Lussier  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

| Terms      |                                                                                                                                                                                                                                                              | Ship Via     |                                    |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------|
|            |                                                                                                                                                                                                                                                              | ATG Delivery |                                    |
| Quantity   | Description                                                                                                                                                                                                                                                  |              |                                    |
|            | Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.                                                                                                              |              |                                    |
| ✓ 20<br>ea | Part: 646.3110 ✓<br>Channel<br>Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils)<br>Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.<br>Job: 25393<br>PO: POHB043880 ✓ |              | Rev: NC<br><br><br><br><br>Line: 1 |
| ✓ 20<br>ea | Part: 646.3713 ✓<br>Gusset<br>Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils)<br>Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.<br>Job: 25394<br>PO: POHB043880 ✓  |              | Rev: A<br><br><br><br><br>Line: 2  |
| ✓ 8<br>ea  | Part: RBEL133M-6201-101-7 ✓<br>Rod End<br>Anodize per MIL-A-8625F, Type II, Class1, Clear, .0004-.0010" (.4 - 1 mils)<br>Job: 25395<br>PO: POHB043880 ✓                                                                                                      |              | Rev:<br><br><br><br><br>Line: 3    |
| ✓ 8<br>ea  | Part: D4324-1 ✓<br>Upper Cutter Mount<br>Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils)<br>Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing.                           |              | Rev: A                             |

RECEIVED

JUL 11 2019

DATE ASSOCIATE

Made in Canada.

**RECEIVED**

JUL 11 2019

DART AEROSPACE LTD.



A.T.G. Industries Inc.  
760 Industrielle Street  
Rockland, ON K4K 1T2  
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

### Pack List

Number: 918182

Date: 11-Jul-19

#### To

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

#### Ship To

Patrick Lussier  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

| Terms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                         | Ship Via          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                         | ATG Delivery      |  |
| Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Description                                                                                                                                                                                                                                             |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Job: 25396<br>PO: POHB043880                                                                                                                                                                                                                            | Line: 4           |  |
| 21<br>ea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Part: 646.3714<br>Gusset<br>Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils)<br>Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing.<br>Job: 25397<br>PO: POHB043880 | Rev: A<br>Line: 5 |  |
| <p>CERTIFICATE OF CONFORMANCE</p> <p>A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.</p> <p>Date: <u>JUL 11 2019</u></p> <p>Certified Signature: <u>/</u></p> <p>Receiver Signature: _____</p> <p>A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.</p> <p>Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.</p> <p>Made in Canada.</p> |                                                                                                                                                                                                                                                         |                   |  |